

16-07-060 Landfills and Land Excavations - Special Requirements.

6. Standards and Specific Requirements.

i. Compaction of Fills.

Unless otherwise directed by the Zoning Administrator, all fills governed by this Code intended to support buildings, structures, or where otherwise required to be compacted for stability, shall be compacted, inspected and tested in accordance with the following provisions:

1. The natural ground surface shall be prepared by removal of topsoil and vegetation and, if necessary, shall be graded to a series of terraces.
2. The fill shall be spread in a series of layers, each not exceeding 6 inches in thickness, and shall be compacted by "sheepsfoot" roller compactor (after each layer is spread) or other method acceptable to the County Engineer.
3. The moisture content of the fill material shall be controlled at the time of spreading and compaction to obtain required maximum density.
4. The fill material after compaction shall have an average dry density of not less than 95% of maximum dry density and a minimum of 90% in all portions of the fill requiring compaction as determined by the AASHO Soil Compaction Test Method T99-57 or T180-57, or other testing method acceptable to the County Engineer and Zoning Administrator.
5. A written report of the compaction, showing location and depth of test holes, materials used, moisture conditions, recommended soil-bearing pressures, and relative density obtained from all tests, prepared by a civil engineer or soils engineer licensed by the State of Utah, shall be submitted to the Zoning Administrator or County Engineer.
6. The Zoning Administrator may require additional tests or information if, in his opinion, the conditions or materials are such that additional information is necessary, and may modify or delete any of the above-listed requirements that in his opinion are unnecessary to further the purpose of this Code.